

Physics FSC Part 2 Online MCQ's Test

| Sr | Questions | Answers Choice |
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| SI | Questions | |
| 1 | Energy produced due to fission of uranium atom is: | A. 500MeV B. 200MeV C. 700MeV D. 750MEV |
| 2 | In current carrying long solenoid the magnetic field produced does not depend upon. | A. The radius of solenoid B. Number of turns per unit length C. Current flowing through solenoid D. All of the above |
| 3 | Force per unit charge is called: | A. Gravitational force B. Electric field intensity C. Coulomb's force D. None of these |
| 4 | Internal frame is a frame is which | A. 1st law holds B. 2nd law holds C. 3rd law holds D. Kelvin's law holds |
| 5 | The quantity/factor h/m _o c has the dimensions of. | A. Length B. Time C. Mass D. Energy |
| 6 | The motional emf developed in a conduction depends upon. | A. Length B. Orientation C. Magnetic field D. All of the above |
| 7 | Commutator was invented in | A. 1834 B. 1820 C. 1840 D. 1835 |
| 8 | The resistance between the inverting (-) and non inverting inputs is called Input resistance and is the order of. | A. Ohms B. Kilo Ohms C. Mega Ohms D. Thounds Ohms |
| 9 | The SI Unit of magnetic induction is. | A. Weber B. Tesla C. Gauss D. Newton |
| 10 | Resistivity at a given temperature depends upon. | A. Area of cross section B. Length C. Nature of material of conductor D. Both length and area |
| 11 | A light emitting diode emits light only when | A. Reverse biased B. Forward biased C. Unbiased D. None of these |
| 12 | Photo diode detects. | A. Visible light B. Radio waves C. X rays D. All of them |
| 13 | Coulomb /volt is called. | A. Farad B. Ampere C. Joule D. Henry |
| 14 | Which particle has larger range in air. | A. Alpha rays B. Gama rays C. Beta rays D. Neutron |
| 15 | In CRO, the output waveform of time base generator is | A. Circular B. Square C. Sinusoidal D. Saw-toothed |

| 16 | A solid in which there is not regular arrangement of molecules is called. | A. Glassy solid B. <div>Amorphous solid</div> C. Crystalline solid D. Both a and b |
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| 17 | The main use of A.C is | A. Minimum line losses B. Long distance transmission C. Stepping up to required voltage only D. Steeping down to required voltage only |
| 18 | Laser is a device which can produce: | A. Intense beam of light B. Coherant beam of light C. Monochromatic beam of light D. All of the above |
| 19 | The SI unit of magnetic induction 'B' Tesla is equal to. | A. NA-1m-1 B. Nam-1 C. NA-1 m D. Na2m-1 |
| 20 | If current flowing through a solenoid becomes four times, then magnetic field inside becomes. | A. two times B. three times C. four times D. Half |